Conversion Kit from NG to LPG Model #680-969 for Ultimate Gas Stove using SIT 820 NOVA Gas Valve

THIS CONVERSION MUST BE DONE BY A QUALIFIED GAS FITTER
IF IN DOUBT DO NOT DO THIS CONVERSION !!

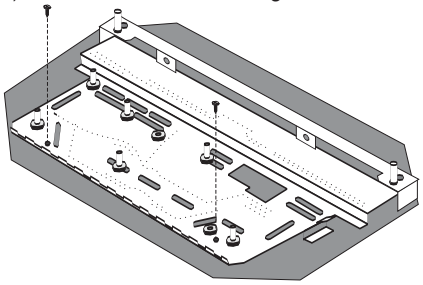
Conversion Kit Contains:

Qty.	Part #	Description
1	910-018	SIT Conversion Kit- 50% Turndown LPG
1	910-037	LPG Injector (Pilot Orifice)
1	904-390	Burner Orifice #52
1	908-528	Red "LPG" label
1	918-590	Label "Converted to LPG"
1	918-031	Instruction Sheet
1	904-529	5/32" Allen Key

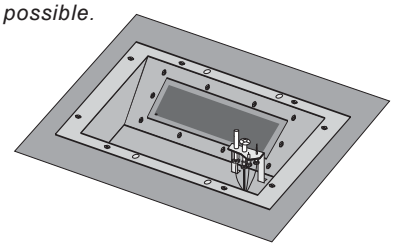
1) Shut off the gas supply.

2) Open the front door and carefully remove the logs and lava rock.

3) Remove burner. See diagram below.



Note: Use a magnetic type screwdriver if possible.

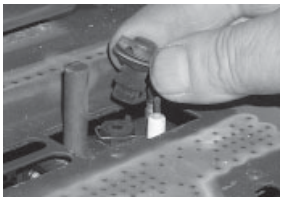


Pilot assembly is now accessible for steps 4) to 9).

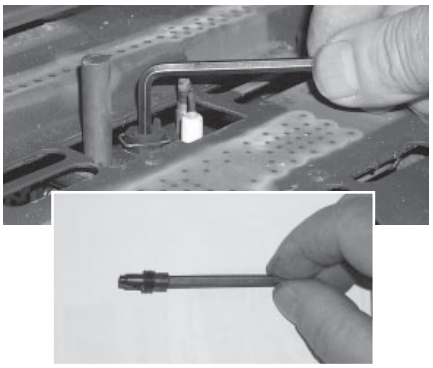
4) Remove and discard the 3 pressure regulator mounting screws (A), pressure regulator tower (B) and diaphragm (C).

5) Insure that the rubber gasket (D) is properly positioned and install the new HI/LO pressure regulator assembly to the valve using the new screws (E) supplied with the kit. Tighten screws securely.

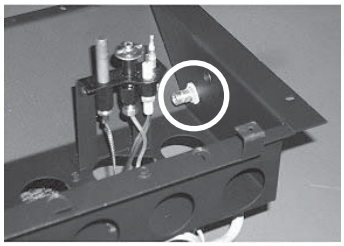
6) Pull off the pilot cap to expose the pilot orifice.



7) Unscrew the pilot orifice with the allen key and replace with the LPG pilot orifice in the kit.



8) Remove burner orifice with a 1/2" wrench and discard. Use a wrench to hold on to the elbow behind the orifice.



Burner Orifice

9) Reinstall new burner orifice LPG stamped #52 and tighten.

10) Reverse steps 3) to 2).

11) Attach the Conversion label "This unit has been converted to LPG" on top of the Serial # decal.

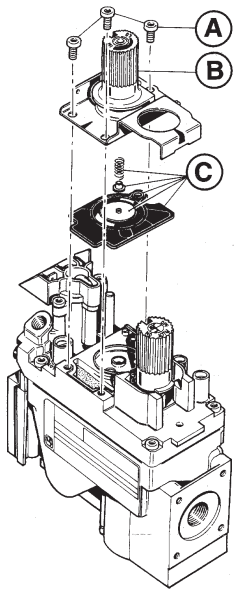
12) Replace yellow "NG" label with red "LPG" label

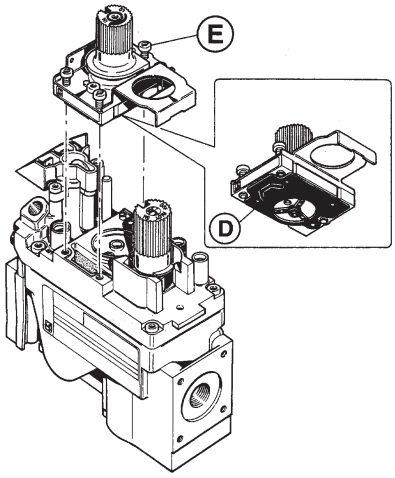
13) Check for gas leaks.

14) Check inlet and outlet pressures.

15) Check operation of flame control.

16) Check for proper flame appearance and glow on logs.





Installer Notice:
These instructions must be left with the appliance.